

Abstract

A piston for a hydraulic dashpot. The piston (1) is mounted on one end of a piston rod (3), travels back and forth inside a cylinder (2), which it divides into two chambers (4 & 5), and has a body (10) provided with axial channels (6 & 7), each of which can be opened and closed at the end by a one-way valve in the form of a cup spring or stack of cup springs (8 & 9), independently adjusting their tensions for both the compression and the suction phases. The cup springs (8 & 9) rest against and in alignment with the body, and the tension is adjusted by deforming the body resiliently or plasticly against its contact surface.